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PATENT 1215-0497P(000419-078)

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant:

M. T. WAZENSKI

Conf.:

6899

Appl. No.:

10/695,774

Group:

3662

Filed:

October 30, 2003

Examiner: PIHULIC

For:

IMPROVED ACTIVE ELEMENT ARRAY APPARATUS

FOR DISPLACED PHASE CENTER SYSTEMS

INFORMATION DISCLOSURE STATEMENT

(SUBMISSION AFTER FILING OF AN APPLICATION BUT BEFORE FINAL REJECTION OR NOTICE OF ALLOWANCE OR CONCURRENTLY WITH A RULE 1.114 RCE APPLICATION)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

December 14, 2004

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on the PTO-1449(s), attached hereto.

II. COPIES (check at least one box)

- a. \boxtimes Copies of cited U.S. patents and patent application publications are not included. Copies of foreign patent documents and non-patent literature are included.
- b. Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should already be in the PTO file. If copies are needed, please contact the undersigned.

III. CONCISE EXPLANATION OF THE RELEVANCE (check at least one box)

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a. \square DOCUMENTS IN THE ENGLISH LANGUAGE

The patents, publications, or other information listed on the attached PTO 1449 are in the English language and therefore, do not require a statement of relevancy.

b. DOCUMENTS NOT IN THE ENGLISH LANGUAGE

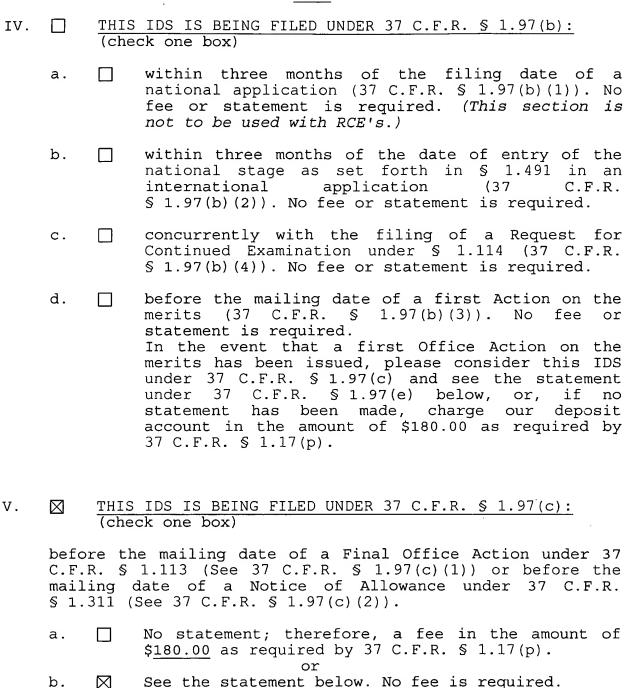
A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(III)(A)(3).

d. OTHER

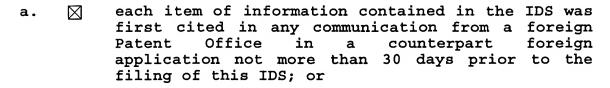
The following additional information is provided for the Examiner's consideration.

FEES



VI. STATEMENT UNDER 37 C.F.R. § 1.97(e) (check only one box)

The undersigned hereby states that



- b.
 each item of information contained in the IDS was first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or
- c. no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the IDS.
- Some of the items of information were cited in a d. communication from a foreign Patent Office. As to this information, the undersigned states that each item of information contained in the IDS was first cited in a communication from a foreign Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby states that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application and, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

VII. PAYMENT	OF FEES (check	one box)				
	F.R. § 1.17(p)	amount of <u>\$180.00</u> as required by 37 is enclosed for the above-identified				
am	ount required b	eposit Account No. 02-2448 in the y 37 C.F.R. § 1.17(p) for the above- is paper is submitted in triplicate.				
⊠ No	fee is required	ì.				
he/she is determined the PTO is r	requested to c hat this IDS h requested to cor	any questions concerning this IDS, contact the undersigned. If it is as been filed under the wrong rule, asider this IDS under the proper rule tee to Deposit Account No. 02-2448.				
this, concur credit any c additional fe	rrent, and fut overpayment to	emmissioner is hereby authorized in ure replies, to charge payment or Deposit Account No. 02-2448 for any der 37 C.F.R. § 1.16 or under § 1.17; time fees.				
		Respectfully submitted,				
		BIRCH, STEWART, KOLASCH & BIRCH, LLP				
		By William L. Gates, #20,848				
WLG/mpe 1215-0497P(00	00419-078)	P.O. Box 747 Falls Church, VA 22040-0747 (703) 205-8000				
Attachment(s	_ ☑ Documents	earch Report				

Form PT	rm PTO-1449				ATTY. DOCKET NO. 1215-0497P(000419- 078)		APPLICATION NO. 10/695,774	
PE	NFORMAT	TION DISCLO	OSURE C	ITATION	APPLICANT M.T. WAZENSKI			
1 4 2004	(Use several sheets if necessary)			FILING DATE October 30, 2003		GROUP 3662		
RTRADEMA			υ.	S. PATENT I	OCUMENTS			
EXAMINER INITIAL	DOCUM	ENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US 4	1,244,036		1981-01-06	RAVEN			
	US 5	5,278,757		1994-01-11	HOCTOR ET AL.			
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OTHER	ial, symposium	, catalog, etc.) date,	page(s), volu	me-issue number(s), publ	title of the article (when appro- isher, city and/or country where	published.		
	Earth, 4, pp.	Planets and S 321-326	Space, Te	rra Scientific	Multi-beam Echo So Publishing Co., To	okyo, J	apan, Vo	o. 53, No.
	the Pre	sence of Moti	on Error	s", IEE Procee	Seafloor Via Synthedings: Radar, Sona: Vol. 147, No. 6, 1	r & Nav	igation,	
EXAMINER					DATE CONSIDERED	-1.		
EXAMINER: In	itial if citat	ion considered, whether	r or not citat	ion is in conformance wi	th M.P.E.P. 609; Draw line throu	gh citation	if not in con	formance and not